for attenuating an image frequency signal corresponding to a TV signal to be received is interposed between the second preamplifier and the third mixer.

8. The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least 1, 1/3 and 1/5.

9. The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least 1, 1/3 and 1/9.

10. The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least 1, 1/3 and 1/4.

11. The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, and wherein the dividing rate of the first programmable divider can be changed to at least 1, 1/3 and 1/6.

12. The TV receiving tuner according to claim 2, wherein the tuner comprises a third programmable divider for receiving the oscillation signal of the local oscillator and dividing the oscillation signal and a fourth mixer for mixing the received TV signal and the output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined frequency, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, wherein the dividing rate of the second programmable divider is 1/3, and wherein the dividing rate of the third programmable divider is 1/5.

13. The TV receiving tuner according to claim 2, wherein the tuner comprises a third programmable divider for receiving the oscillation signal of the local oscillator and dividing the oscillation signal and a fourth mixer for mixing the received TV signal and the output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined frequency, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, wherein the dividing rate of the second programmable divider is 1/3, and wherein the dividing rate

of the third programmable divider is 1/9.

14. The TV receiving tuner of claim 2, wherein the tuner comprises a third programmable divider for receiving the oscillation signal of the local oscillator and dividing the oscillation signal and a fourth mixer for mixing the received TV signal and the output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined frequency, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, wherein the dividing rate of the second programmable divider is 1/3, and wherein the dividing rate of the third programmable divider is 1/4.

15. The TV receiving tuner according to claim 2, wherein the tuner comprises a third programmable divider for receiving the oscillation signal of the local oscillator and dividing the oscillation signal and a fourth mixer for mixing the received TV signal and the output of the third programmable divider and frequency converting the received TV signal into an intermediate-frequency signal having a predetermined frequency, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, wherein the dividing rate of the second